

## Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 30 Jul 2021 until 23:59 on Saturday 31 Jul 2021

Forecast Issued on Thursday 29 Jul 2021 at 14:48

**Confidence:** High confidence for the unsettled regime throughout the period, but low for the timing and intensity of any showers.

**Headline for Friday 30 Jul 2021:** Rain clearing to widespread showers, occasionally heavy.

### Mountain weather hazards on Friday 30 Jul 2021

**Blizzards**

No Likelihood

**Gales**

No Likelihood

**Thunderstorms**

No Likelihood

**Heavy Snow**

No Likelihood

**Severe chill effect**

No Likelihood

**Heavy persistent rain**

Low Likelihood

**Storm force winds**

No Likelihood

**Poor visibility**

High Likelihood

**Strong sunlight**

No Likelihood

| Weather and chance of precipitation at 600m                                         |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Time                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 00:00                                                                               | 03:00                                                                               | 06:00                                                                               | 09:00                                                                               | 12:00                                                                               | 15:00                                                                                 | 18:00                                                                                 | 21:00                                                                                 |
|  |  |  |  |  |  |  |  |
| Cloudy                                                                              | Cloudy                                                                              | Light rain                                                                          | Heavy Rain                                                                          | Dull                                                                                | Light rain showers                                                                    | Light rain showers                                                                    | Cloudy                                                                                |
| Precipitation probability                                                           |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |
| 20%                                                                                 | 30%                                                                                 | 50%                                                                                 | 70%                                                                                 | 40%                                                                                 | 50%                                                                                   | 50%                                                                                   | 30%                                                                                   |

### Forecast for Friday 30 Jul 2021

**Weather:** A band of rain, briefly heavy, is going to move across the Park during the morning, the cloud lifting and breaking into bright or sunny spells early afternoon, along with a few showers. However, these should remain light and scattered, before gradually easing from the west during the evening.

**Chance of cloud free mountain/hill tops above 600m:** Generally 30% in the morning, but improving to 40-60% during the afternoon, 70-90% by the evening

**Visibility:** Mediocre in cloud and mainly light rain through the morning, with cloud as low as 300m. Improving slowly during the afternoon, with nearby hills occasionally obscured in cloud, with bases lifting to 450-500m.

## Forecast for Friday 30 Jul 2021

| Height (m) | Wind Speed mean/gusts (mph) |        |        |         |          | Wind Direction (blowing from) |         |         |        |
|------------|-----------------------------|--------|--------|---------|----------|-------------------------------|---------|---------|--------|
|            | 00:00                       | 03:00  | 06:00  | 09:00   | 12:00    | 15:00                         | 18:00   | 21:00   | 00:00  |
| 600        | 9/13 SW                     | 4/5 SE | 8/14 E | 9/14 NE | 12/17 NE | 11/15 N                       | 8/12 NW | 6/10 W  | 6/10 W |
| 300        | 3/8 SW                      | 2/4 SE | 5/13 E | 7/14 NE | 8/16 NE  | 9/16 N                        | 6/13 NW | 5/11 NW | 3/9 W  |
| Valley     | 2/6 SW                      | 3/5 E  | 5/11 E | 8/15 NE | 8/16 N   | 7/14 N                        | 5/12 NW | 3/6 NW  | 3/7 NW |

| Height (m)      | Temperature / Feels Like (°C) |       |       |       |       |       |       |       |       |
|-----------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|                 | 00:00                         | 03:00 | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| 600             | 11/9                          | 11/10 | 11/9  | 10/8  | 12/10 | 12/10 | 12/11 | 11/10 | 11/10 |
| 300             | 12/12                         | 12/12 | 13/12 | 13/12 | 15/13 | 16/14 | 14/14 | 13/13 | 12/12 |
| Valley          | 14/14                         | 13/13 | 14/13 | 14/13 | 16/14 | 16/16 | 16/16 | 14/14 | 13/13 |
| Freezing Level* | 2300m                         | 2300m | 2600m | 2400m | 2500m | 2500m | 2500m | 2500m | 2500m |

\*Level above which ground is expected to be frozen/snow is expected to settle.

## Meteorologist's View

Nothing to add.

## Recent rainfall: measured at Malham: altitude 375m

Recorded at  
14:00 on Wed 28 Jul 2021

Last 24 hours:  
6.8mm

Last 48 hours:  
6.8mm

Last 72 hours:  
6.8mm

## Forecast for Saturday 31 Jul 2021

**Weather:** A rather cloudy start to the day but brightening up during the afternoon, with a mixture of sunny spells and showers. These may become widespread and heavier in the east of the Park. Breezy.

**Maximum wind:** Westerly 15 mph with gusts 25 mph.

**Chance of cloud free mountain/hill tops above 600m:** 40% in the morning becoming 90% in the west (but only 60% in the east) in the afternoon.

**Visibility:** Mediocre or locally poor early morning, with cloud as low as 400m. Becoming good in the afternoon but some temporary reductions are to be expected in and around any showers, with cloud down to 500-600m at times.

**Temperature:** **Valleys:** Plus 12 Celsius, becoming Plus 18 Celsius.

**At 600m:** Plus 10 Celsius, becoming Plus 13 Celsius.

**Freezing level:** Above summits.